



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-80APP1 (105/1)**

Applicant: **Alan O'NEILL**

Serial No.: **10/684,166**

Filing Date: **October 15, 2003**

Title: **METHODS AND APPARATUS FOR EXTENDING MOBILE IP**

Examiner: **Not yet assigned**

Group Art Unit: **2661**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**Information Disclosure Statement Transmittal**

The applicant respectfully requests that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references, except for U.S. patents and patent application publications is enclosed. (See the notice, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003," Pre-OG Notices (July 11, 2003).)

The applicant reserves the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

Since a first Office Action on the merits has not yet been received, the applicants assume that this Information Disclosure Statement should be considered under 37 C.F.R.

§§ 1.97(b)(3). Accordingly, it is believed that no fee is due. If, however, an Office Action on the merits has been mailed before the filing date of this Information Disclosure Statement, the Office is authorized to charge any fee required to have the Information Disclosure Statement considered to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

Dated: April 20, 2005

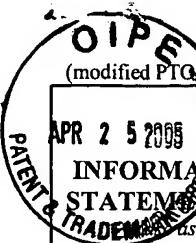
Michael P. Straub, Attorney  
Reg. No. 36,941  
Customer No. 26479  
(732) 542-9070

STRAUB & POKOTYLO  
620 Tinton Avenue  
Bldg. B, 2<sup>nd</sup> Floor  
Tinton Falls, NJ 07724-3260

**CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited on **April 20, 2005** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael P. Straub 36,941  
Michael P. Straub Req. No.



(modified PTO) 8/08A

U.S. Department of Commerce  
Patent and Trademark Office

APR 2 5 2005

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(TRADEMARKS as many sheets as necessary)

Complete if Known

Application Number: 10/684,166  
Filing Date: October 15, 2003  
First Named Inventor: Alan O'NEILL  
Group Art Unit: 2661  
Examiner Name: Not yet assigned

Sheet 1 of 3 Attorney Docket No.: Flarion-80APP1 (105/1)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant Passages or Figures appear
	CA	5,325,432	June 28, 1994	GARDECK et al.	
	CB	5,450,405	September 12, 1995	MAHER et al.	
	CC	5,473,605	December 5, 1995	GRUBE et al	
	CD	5,491,835	February 13, 1996	SASUTA et al	
	CE	5,511,232	April 23, 1996	O'DEA et al.	
	CF	5,513,381	April 30, 1996	SASUTA	
	CG	6,144,671	November 7, 2000	PERINPANATHAN et al	
	CH	US 2002/0068565	June 6, 2002	PURNADI et al.	
	CI	US 2002/0114469	August 22, 2002	FACCIN et al.	
	CJ	US 2002/0136226	September 26, 2002	CHRISTOFFEL et al.	
	CK	US 2002/0191593	December 9, 2002	O'NEILL et al.	
	CL	US 2003/0051140	March 13, 2003	BUDDHIKOT et al.	
	CM	US 2003/0137961	July 24, 2003	TSIRTSIS et al.	
	CN	US 2003/0176188	September 18, 2003	O'NEILL	

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	CO	EP 1244261		WANG		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.

<b>U.S. Department of Commerce Patent and Trademark Office</b>				<i>Complete if Known</i>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number: <b>10/684,166</b> Filing Date: <b>October 15, 2003</b> First Named Inventor: <b>Alan O'NEILL</b> Group Art Unit: <b>2661</b> Examiner Name: <b>Not yet assigned</b>
Sheet	2	of	3	Attorney Docket No.: <b>Flarion-80APP1 (105/1)</b>

<b>OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source		T <sup>2</sup>
	CP	C. Perkins, Editor "IP Mobility Support", Network Working Group, pgs. 1-79 (October 1996)		
	CQ	Li, Yalun "Protocol Architecture for Universal Personal Computing" IEEE Journal on Selected Areas in Communications 15(8): 1467-1476 (1997).		
	CR	IETF, Network Working Group, Request for Comments: 2205, Resource Reservation Protocol (RSVP) – Version 1 Functional Specification, pp. 1-105 (September 1997)		
	CS	IETF, Network Working Group, Request for Comments: 2206, RSVP Management Informatin Base Using SMIv2, pp. 1-60 (September 1997)		
	CT	IETF, Network Working Group, Request for Comments: 2207, RSVP Extension for IPSEC Data Flows, pp. 1-14 (September 1997)		
	CU	IETF, Network Working Group, Request for Comments: 2210, The Use of RSVP with IETF Integrated Services, pp. 1-31 (September 1997)		
	CV	IETF, Network Working Group, Request for Comments: 2208, Resource Reservation Protocol (RSVP) Version 1 Applicability Statement Some Guidelines on Deployment, pp. 1-6 (September 1997)		
	CW	IETF, Network Working Group, Request for Comments: 2209, Resource Reservation Protocol (RSVP) – Version 1 Message Processing Rules, pp. 1-24 (September 1997)		
	CX	J. Moy, Editor, "OSPF Version 2", Network Working Group, pgs. 1-244 (April 1998)		
	CY	Valko, Andras "Cellular IP: A New Approach to Internet Host Mobility" Computer Communications Review 29(1): 50-65 (1999).		
	CZ	Andras G. Valko, "Cellular IP - A New Approach to Internet Host Mobility," ACM Computer Communication Review, Vol. 29, No. 1, pages 50-65, January 1999.		
	DA	TIA/EIA/IS-707A.8 "Data Service Options for Spread Spectrum Systems: Radio Link Protocol Type 2" pgs. 1-1:4:12 (March 1999)		
	DB	KARAGIANNIS, Mobile IP, State of the Art Report, pages 1-63, July 1999		
	DC	Elin Wedlund et al., "Mobility Support Using SIP", Proc. Of ACM/IEEE International Conference on Wireless and Mobile Multimedia (WoWMoM '99), Seattle, Washington, August 1999.		
	DD	Henning Schulzrinne et al., "Application-Layer Mobility Using SIP", 0-7803-7133 IEEE, pages 29-36, January 2000		
	DE	"Source Specific Multicast (SSM) Explicit Multicast (Xcast)" pps. 1-27 (Copyright 2001 by ETRI)		
	DF	IETF Network Working Group, Request for Comments: 2961, RSVP Refresh Overhead Reduction Extensions, pp. 1-32 (April 2001)		
	DG	MARSHALL, W., et al., Integration of Resource Management and SIP, IETF Internet Draft, draft-ietf-sip-manyfolks-resource-02.txt, August 2001, pp. 1-28.		

U.S. Department of Commerce Patent and Trademark Office				<i>Complete if Known</i>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number: <b>10/684,166</b> Filing Date: <b>October 15, 2003</b> First Named Inventor: <b>Alan O'NEILL</b> Group Art Unit: <b>2661</b> Examiner Name: <b>Not yet assigned</b>
Sheet	<b>3</b>	of	<b>3</b>	Attorney Docket No.: <b>Flarion-80APP1 (105/1)</b>

<b>OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS</b>			
DH	Andrew T. Campbell et al., "IP Micro-Mobility Protocols", ACM SIGMOBILE Mobile Computer and Communication Review (MC2R), Vol 4, No. 4, pages 34-54, October 2001		
DI	S. Zhou et al., "A Location Management Scheme for Support Mobility In Wireless IP Networks Using Session Initiation Protocol (SIP)", 1531-2216/01 IEEE, October 2001, pages 486-491.		
DJ	BOS, L., et al., A Framework for End-to-End Perceived Quality of Service Negotiation, IETF Internet Draft, draft-bos-mmusic-sdpqos-framework-00.txt, November 2001, pp. 1-22		
DK	PAPALILO, D., et al., Extending SIP for QoS Support www.coritel.it/publications/IP_download/papalilo-salsano-veltri.pdf, 08 December 2001, pp. 1-6.		
DL	CAMARILLO, P., et al., Integration of Resource Management and SIP, IETF Internet Draft, draft-ietf-sip-manyfolks-resource-04.ps, 25 February 2002 pp. 1-18.		
DM	HO, Integration AAA with Mobile IPv4, Internet Draft, pages 1-59, April 2002		
DN	"SIP: Session Initiation Protocol", IEFT Network Wording Group, Request for Comments: 3261, (June 2002), pps 1-29.		
DO	IETF, Network Working Group, Request for Comments: 3261 "SIP: Session Initiation Protocol", pgs. 1-269 (printed as pages 1-252) (June 2002)		
DP	NetworkWorking Group, "IPv6 Prefix Delegation Using ICMPv6, pps 1-33, April 2004		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language translation is attached.